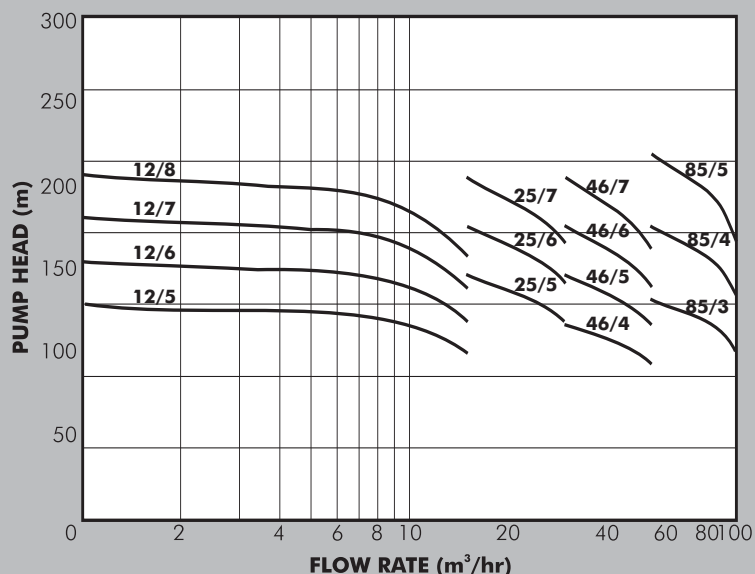
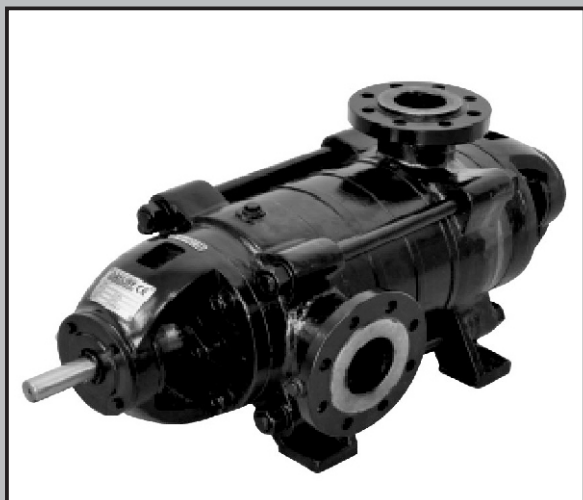




DMS

Horizontal Multistage Centrifugal Pumps



PUMP

The DAYLIFF DMS range of horizontal multistage centrifugal pumps are heavy duty industrial quality pumps suitable for various water supply, irrigation and industrial applications. Particular features include gland packing seals for simple and economical maintenance and external securing tie bolts for ease of disassembly. Construction is heavy duty cast iron stages and pump body, with cast iron impellers and diffusers and stainless steel shaft.

A wide range of models and specifications are available, a combination of the pump size and number of stages being selected to achieve maximum efficiency at a specific duty point. Electric motors are selected according to the required power input at the duty point and mounted together with the pump and coupling on a base frame. All pumps are also suitable for direct or belt drive by diesel engine.

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids without abrasive particles or fibres

Max. Fluid Temperature: +110°C

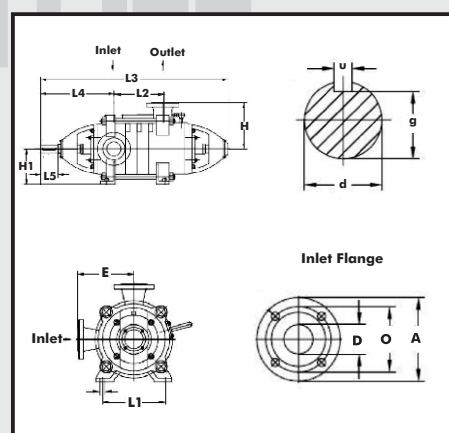
Max. Suction Pressure: 10 bar

Max. Delivery Pressure: 30 bar

Rotation: Clockwise viewed from driving end

PUMP DATA

Model	Dimensions (mm)								Shaft			Inlet Flange				Outlet Flange			
	Inlet	Outlet	L1	L4	L5	E	H1	H	d	u	g	D	A	O	Holes	D	A	O	Holes
DMS 12	50	40	210	265	62	170	150	170	25	8	21	50	140	110	4x13.5	40	150	110	4x17.5
DMS 25	65	65	295	330	80	210	170	210	30	8	26	65	160	130	4x17.5	65	185	145	8x17.5
DMS 46	80	65	295	330	80	210	170	210	30	8	26	80	190	150	4x17.5	65	185	145	8x17.5
DMS 85	100	100	345	326	86	250	210	250	35	10	30	100	210	170	4x17.5	100	235	180	8x22



Stages	DMS 12				DMS 25				DMS 46				DMS 85			
	Motor (kW)	L2 (mm)	L3 (mm)	Weight (kg)	Motor* (Kw)	L2 (mm)	L3 (mm)	Weight (kg)	Motor* (Kw)	L2 (mm)	L3 (mm)	Weight (kg)	Motor* (Kw)	L2 (mm)	L3 (mm)	Weight (kg)
3	7.5	180	695	185	15	230	845	316	22	230	845	358	55	277	906	877
4	11	230	745	249	18.5	295	910	358	30	295	910	531	75	351	980	1040
5	11	280	795	292	22	360	975	452	37	360	975	560	90	425	1054	1061
6	15	330	845	316	30	425	1040	572	37	425	1040	576				
7	15	380	895	333	30	490	1105	592	45	490	1105	664				
8	18.5	430	945	370												
9	18.5	480	995	353												

*Power absorbed at 2900rpm